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Atty. Dkt. No. 040373-0389

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shinichi HORI

Title: VARIABLE GAIN VOLTAGE/CURRENT CONVERTER
CIRCUIT HAVING CURRENT COMPENSATION CIRCUIT
FOR COMPENSATING FOR CHANGE IN DC CURRENT
FLOWING INTO ACTIVE ELEMENT FOR PERFORMING
VOLTAGE/CURRENT CONVERSION

Appl. No.: 10/581,555

International Filing Date: 09/15/2004
371(c) Date: 06/02/2006

Examiner: Steven J. Mottola

Art Unit: 2817

Confirmation No.: 6217

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated December 14, 2007, concerning the above-referenced patent application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Amendments to the Drawings begin on page 4 of this document, and include an attached replacement drawing sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 5 of this document.

Please amend the application as follows: